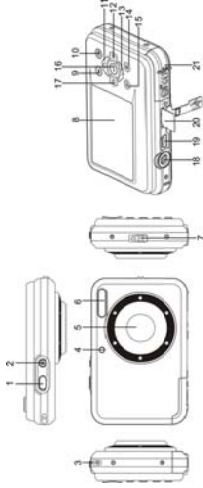



Compactline 52 Manual


1. Get to know your camera

- 5.0 Mega pixels resolution sensor
- Digital still camera
- Digital video camcorder
- Built-in flash Light
- 8x digital zoom
- 2.4" TFT color display
- Micro SD card support
- 2 x AAA alkaline batteries
- Smile detection
- Anti-shaking still capture

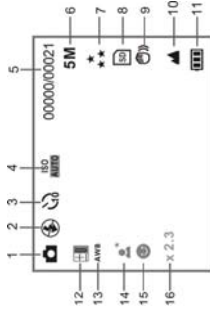
2. Functional parts

















1	Shutter	Press this button to take photographs.
2	Power on/off button	Press this button to turn the camera on, press again to turn it off.
3	Strap hook	Hook for assembling the wrist strap to the camera.
4	Busy indicator	When the indicator is blinking, the camera is busy
5	Lens	Records the image to be taken. Note: Keep the lens clean. Dirt and fingerprints will affect the quality of the picture.
6	Flash light	Use the built-in flash to give the subject extra lighting if it is in dark surrounding (the best flash distance is recommended within 1.5m).
7	Macro switch	 Macro mode: Select this mode to take close-up photographs (distance 11cm - 18cm).

	 Normal mode: Select this mode to take photographs from 0.5m - infinity.
8	LCD screen
9	Mode
10	Menu
11	Up
12	Right/Flash light
13	Down
14	Delete
15	Playback
16	Enter
17	Left / EV±
18	Tripod connector
19	USB interface
20	Micro SD card slot
21	Battery compartment

3. Explanation of the status icons



Item	Function	Description
1	Mode selected	 Photographs mode.  Videos capture mode.  Playback VIDEO mode.  Playback PICTURE mode
2	Flash indicator	 Forced flash: The flash is on in any environment.  Auto flash: The camera determines if

		flash should be used or not.  No flash: The flash is turned off.
3	Self-timer	10s Timer
4	ISO	Sensitivity selection.
5	Photo/Video counter	Photo mode: No. of pictures had been taken. Video mode: Recording time in second. Playback mode: No. of pictures or video file.
6	Selected resolution	12M = 4032 x 3024; 8M = 3264 x 2448 5M = 2560 x 1920; 3M = 2048 x 1536; 1.3M = 1280 x 960; VGA = 640 x 480
7	Picture quality	☆☆ Super fine. ☆☆ Fine. ☆☆ Normal.
8	SD card indication	 The SD card is inserted and will be used as storage for PHOTO and VIDEO
9	Brightness alert	 Alert user to hold the camera steadily.
10	Normal/Macro mode indicator	 Normal mode (0.5m – infinity).  Macro mode (11cm – 18cm).
11	Battery indicator	 The batteries are full.  The batteries are empty.
12	Exposure value	Show EV \pm value.
13	White Balance	White balance selection.
14	Scene mode	Landscape/Backlight/Night scene/Portrait/Sports
15	Smile detection	 On/off
16	Zoom indicator	Showing zoom ratio.

4. Details for camera setting

SET	Capture Mode	Single / 10s Timer	Single or 10s timer selection
		12M pixel resolution	4032 x 3024
Still	Resolution	8.0M pixel resolution	3264 x 2448
		5.0M pixel resolution	2560 x 1920
		3.0M pixel resolution	2048 x 1536
		1.3M pixel resolution	1280 x 960
		VGA resolution	640 x 480
Still	Quality	Super Fine/Fine/Normal	Picture quality setting
	Sharpness	Strong/Normal/Soft	Sharpness setting
	White balance	Auto	Automatic white balance
		Daylight	White balance selected for daylight surrounding

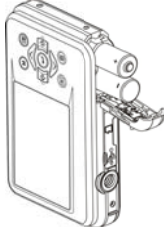
		Cloudy	White balance selected for cloudy surrounding
		Tungsten	White balance selected for tungsten lighting
		Fluorescent	White balance selected for fluorescent surrounding
		Auto/Smart mode/Landscape/Backlight/Night scene/Portrait/Sports scene/Auto/50/100/200	Scene setting
		ISO	Sensitivity select
		Smile detection	Smile detection setting
		Anti-shaking	Anti-shaking setting
		Resolution	Video resolution set up
Video	Setup	Date/Time	Date or time setting
		Auto power off	Auto power off selection
		Beep sound	Beep sound setting
		Language	Select display language
		Date stamp	Date stamp
		Frequency	Select power frequency in your location
		Format	Format the memory location selection.
		Default setting	Default setting
		Version	See the firmware version

Note: The camera will remain the last setting when it is turned off.

5. Using the camera

5.1 Installing the batteries

1. Open the battery compartment.
2. Insert 2xAAA alkaline batteries into the camera.
3. Close the battery compartment.



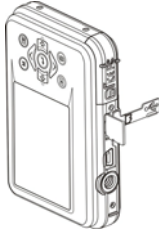
5.2 Inserting a memory card (not included)

This camera has built-in internal memory. This memory can be extended with a micro SD memory card (not included).

- Follow the instructions to insert the optional micro SD memory card into the camera.
1. Turn off the camera first.
 2. Open the card bar.
 3. Insert the micro SD card into the camera.

Note: There is only one right direction to insert the micro SD memory card into the slot. Do not force the card into the slot, it may damage both the camera and the micro SD memory card.

Note: The micro SD memory card must be formatted before taking photographs. See the following sections for more information.






5.3 Formatting the memory or micro SD card




1. Press the menu button (⌂) in PHOTO or VIDEO mode.
2. Select the setup mode by press the right button.
3. Select the format icon with the (↶) button and press the ENTER button (↵) to confirm.
4. Select Internal memory / SD card then press the ENTER button.

5.4 Setting the resolution

The camera can be set to different resolutions.

1. Press the menu button () in PHOTO mode, select the resolutions icon with () key and press the ENTER button () to confirm.
Resolutions: VGA (640 x 480), 1.3M (1280 x 960), 3M (2048 x 1536), 5M (2560 x 1920), 8M (3264 x 2448), 12M (4032 x 3024)
2. Six different resolutions will be displayed. Select the desired resolution by using the up or down buttons and press the ENTER button to confirm the selection.

5.5 Taking photographs

1. Turn on the camera.
2. Depending on the distance to the object being photographed, use macro switch to adjust the distance. Select the flower symbol () if you wish to take a close-up photograph (11 cm – 18 cm).
To take videos or photographs in a distance of 0.5m to infinity, set the switch to normal mode ()
if you are not sure if there is enough lighting, turn the automatic flash () on by pressing the flash button. (If the battery power is too low, the flash won't be activated).
4. Use the LCD screen to aim the object you wish to take photograph.
Face detection function will be activate automatically in aiming at the people.
5. Press SHUTTER button and wait until the LCD display turns on again.
6. If 'SMILE' detection is ON, shutter will be activate automatically once a smile face is detected

Caution: 1) Taking picture for fast-moving object is not recommended.

2) Image may be distorted when taking picture in a moving vehicle.


5.6 Zoom in and out

The camera can zoom in up to 8 times.


Zoom in or out by pressing the up or down button, the zoom ration will appear on the display, 8.x is the maximum zoom ratio.

5.7 Self-timer setting

You can use the self-timer function when you take a photograph of yourself or when you take a photograph without flash of an object. To avoid shaking of the camera a tripod is recommended.





1. Set the camera to photo mode.
2. Press the MENU button () . The menu will appear.
3. Press the down button to select Capture Mode and confirm by pressing the ENTER button.
4. Press the down button to set the delay time: 10S Timer.
5. Press the ENTER button to confirm. The self-timer function is now ready for use.
6. Aim at the object you wish to take photo.
7. Press the SHUTTER button to take a photograph.
8. The photo will be taken after the timer reaches the delay time of 10 seconds. The camera will beep during the delay time.

5.8 Recording video clips

1. Press the MODE button to select the video clip mode() .

2. For setting the resolution, Press MENU button() and select Resolution, then press the ENTER button to confirm. Two resolutions will be displayed.
VGA (640 x 480) and QVGA (320 x 240). Confirm your selection with ENTER.
3. Press the SHUTTER button to start recording video, press the SHUTTER button again to stop recording. The video clip will now be saved as an AVI file in the camera memory.

5.9 Playback photographs



1. Press the  button to get into playback mode.
2. The last picture or video clip taken will be displayed. Use the left or right buttons to flip through the pictures or videos
3. In full screen display, press the T() button to zoom in the photo.
4. To view images in thumbnail, press the W() button.
5. To shift the image in zoom-in mode, press the SHUTTER button then use the up/down/left/right buttons.
6. Press the MENU () button in Playback mode, press again and hold MENU button until the menu options displayed. Select SLIDE SHOW and select the desired slide show time. Press the SHUTTER button to confirm. The pictures saved in your camera or your micro SD card will be displayed in sequence automatically. To stop slide show, press SHUTTER button again.

5.10 Playback video clips

1. When video clips are displayed, press the ENTER button to start playing the video and press the ENTER button again to pause the playback.
2. Press right button to fast forward or press left button to rewind.
3. Press the down button to stop.
4. Press the mode button to exit.

5.11 Delete photographs and video clips

You can choose to delete a single photograph / video clip, or delete all the photographs / video clips in the memory.

- Follow the instructions given below to delete photograph.
1. Press the  button to enter the playback mode.
 2. Press left or right button to select photograph/video clip to be delete.
 3. Press the DELETE button()and select "Delete This Image(Video)" or "All" .
 4. Press the ENTER button, and select OK to confirm.
 5. Press the mode button to exit.

NOTE: Select "All" and Press the ENTER button to confirm, all the pictures and videos will be deleted.

6. Connecting to a PC

The unit can be connected to the computer as mass storage device to transfer photo/video files.

7. Specifications

Sensor	5.0 Mega pixel CMOS sensor
Image resolution	12.0 Mega pixels: (4032 x 3024)
	8.0 Mega pixels: (3264 x 2448)
	5.0 Mega pixels: (2560 x 1920)
	3.0 Mega pixels: (2048 x 1536)
	1.3 Mega pixels: (1280 x 960)
	VGA: (640 x 480)
Lens	F/2.8 f = 8.5mm
Focus range	0.5m. ~ Infinity
Macro mode	11cm – 18cm
Digital zoom	8x
Flash strobe	Built-in (Auto / force / off)
LCD display	2.4" TFT color display
White balance	Auto / Daylight / Cloudy / Fluorescent / Tungsten
Video mode	20fps@VGA & 30fps@QVGA with micro SD card
External memory card	Micro SD card support up to 8GB
File format	Picture: JPEG, Video: AVI
Self timer	10 seconds
PC interface	USB 2.0
Power source	2 x AAA alkaline batteries

8. System requirement

Operating system	Windows XP / Vista or above Mac 9.x or X.x
CPU	Pentium III or above
RAM	At least 64 MB
Interface	USB port
CD	4x speed CD ROM or above

9. Troubleshooting

Problem	Cause	Solution
Cannot turn on the camera	Low battery power. Batteries placed at wrong polarities.	Replace or install the batteries correctly.
Photos can not be saved when taking pictures.	The memory card or built-in memory has not been formatted properly.	Format the memory in setup mode of the camera. Please refer to section 5.3.
Cannot find removable disk after connecting the camera to the computer.	Connection failure.	Make sure all cable connections are secured and restart the computer if necessary.
Flash does not work.	Battery power is too low.	Replace with 2 new AAA alkaline batteries.
The batteries used up very fast.	Incorrect or old, used up, battery	Replace with 2 new AAA alkaline batteries.
The photos are blurry	1. The camera is not held steadily 2. The lens of camera is dirty.	1. Hold the camera steadily until it beeps when taking video/photo. 2. Clean the lens with soft dry cloth.